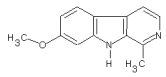

Formula: C13H12N2O

MW: 212.25

CAS: 442-51-3

MDL: MFCD00004958

TNP: TNP00386

1-Methyl-7-methoxy-beta-carboline; 4-b)indole,7-methoxy-1-methyl-9h-pyrido(; 7-Methoxy-1-methyl-9H-beta-carboline; 9H-Pyrido[3,4-b]indole, 7-methoxy-1-methyl-; Garmin; Harmin; Leucoharmine; Telepathien

LogP: -3.95

LogS: -1.25

Acceptors: 1

Donors: 1

Rotation Bonds: 1

Chiral Centers: 0

N+O: 3

LIPINSKY: 4

Info: Harmine 98%

IUPAC: 7-methoxy-1-methylbeta-carboline

Smiles: c12c3ccc(cc3[nH]c1c(ncc2)C)OC

Specification: Heterocyclic Compounds; Alkaloids; Biochemistry; Indole Alkaloids; Neurochemicals; Signalling BANISTERINE MONOHYDRATE Chemical Properties:

 mp 262-264 C(lit.) Merck 14,4616 BRN 178813 CAS DataBase Reference442-51-3(CAS DataBase Reference) NIST Chemistry ReferenceHarmine(442-51-3) Safety Information Hazard Codes Xn Risk Statements 25-36-20/21/22 Safety Statements 22-24/25-36/37-26-36 RIDADR 1544 WGK Germany 3 RTECS UV0175000 HazardClass 6.1 PackingGroup III BANISTERINE MONOHYDRATE Usage And Synthesis Chemical Properties:

Off-White Solid UsageA CNS stimulant isolated from seeds of Peganum harmala L. Zygophyllaceae BANISTERINE MONOHYDRATE Raw materialsAcetic acid glacial-->N,N-Dimethylformamide-->Phosphorus oxychloride-->Potassium hydroxide -->Ammonia-->Azabenzene-->1-Oxa-4-azacyclohexane-->Sodium sulfide-->Potassium dichromate-->Acetaldehyde-->Aluminium-nickel-->6-Methoxyindole-->Hydantoin

Merck 13 Reference: Monograph Number: 0004631

Title: Harmine

CAS Registry Number: 442-51-3

CAS Name: 7-Methoxy-1-methyl-9H-pyrido[3,4-b]indole

Additional Names: banisterine; yageine; telepathine; leucoharmine

Molecular Formula: C13H12N2O

Molecular Weight: 212.25.

Percent Composition: C 73.56%, H 5.70%, N 13.20%, O 7.54%

Literature References: CNS stimulant isolated from seeds of Peganum harmala L., Zygophyllaceae: G